

Figure 1a

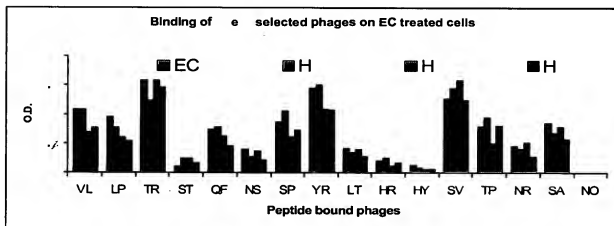
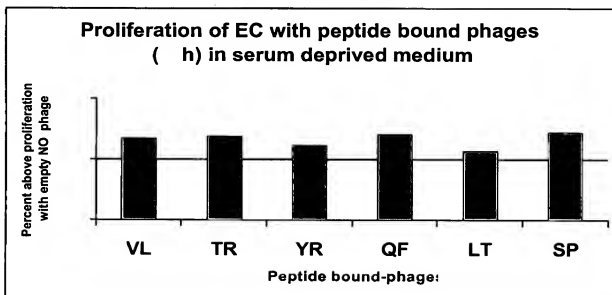
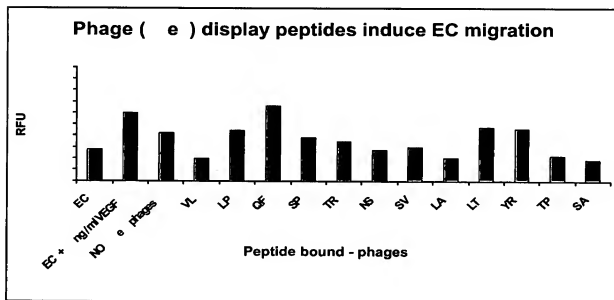


Figure 1b

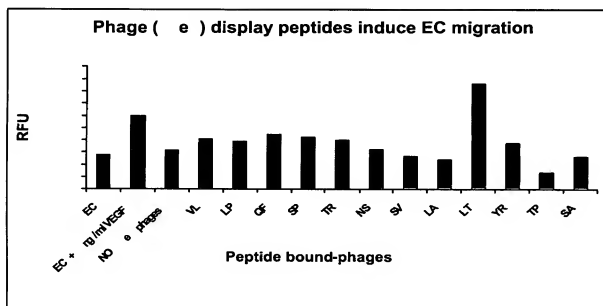




**Figure 2**



**Figure 3a**



**Figure 3b**

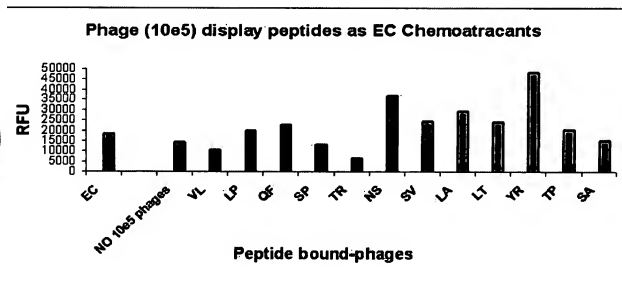


Figure 4a

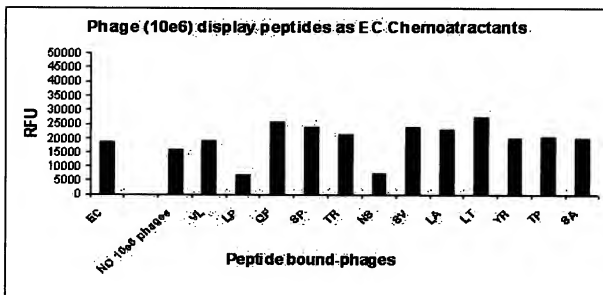
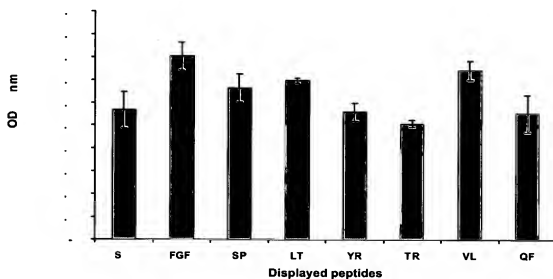


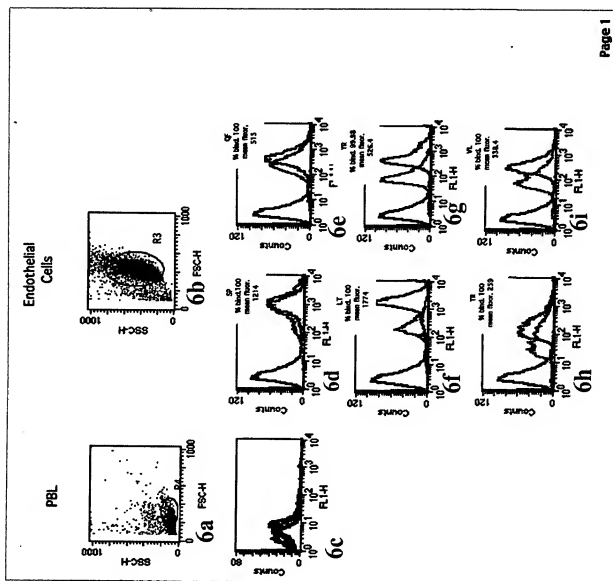
Figure 4b



**Phage -Display -Peptides Induce proliferation of aortic rings derived cells**

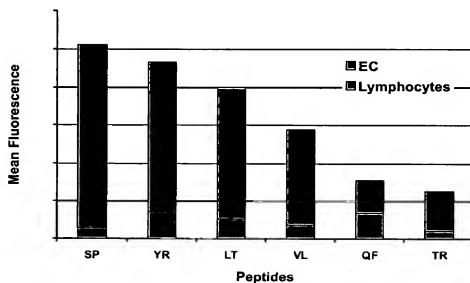


**Figure 5**



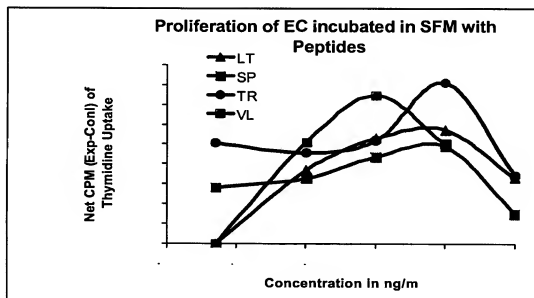
Figures 6a-i

**FACS of Peptides ( ug/ml) binding to EC and PBL**

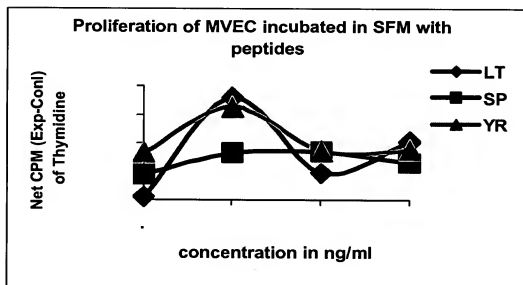


**Figure 7**



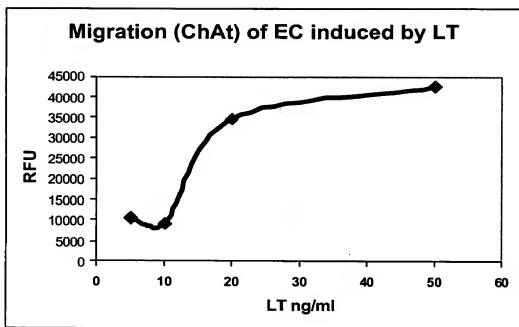


**Figure 8a**

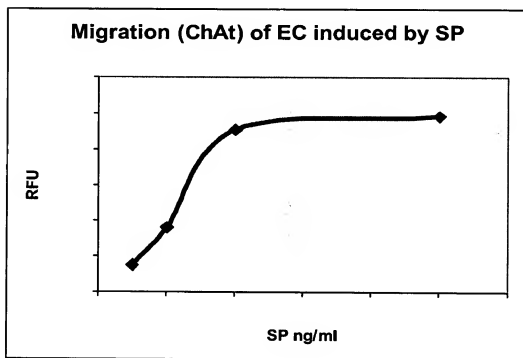


**Figure 8b**

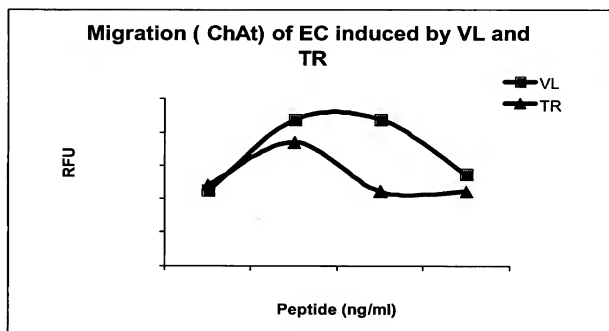




**Figure 9a**

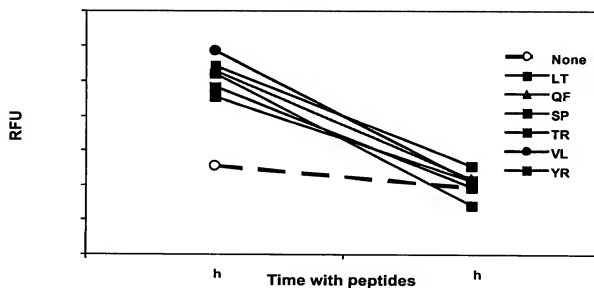


**Figure 9b**

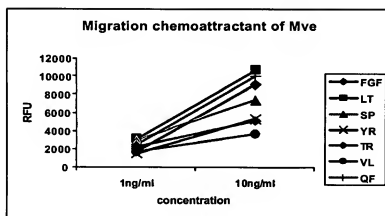


**Figure 9c**

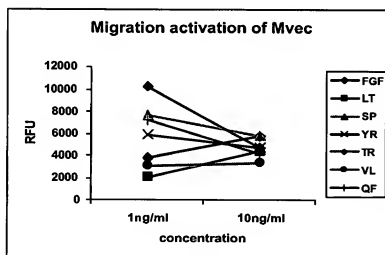
**Migration (Act) after and h with peptides  
ng/ml**



**Figure 10**



**Figure 11a**



**Figure 11b**

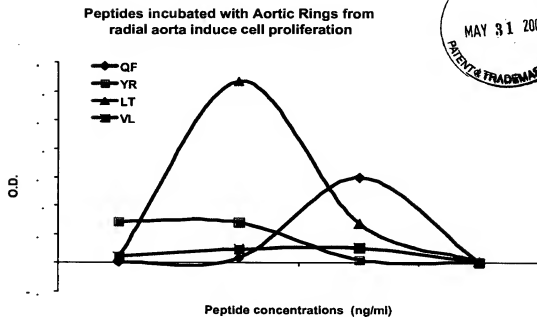
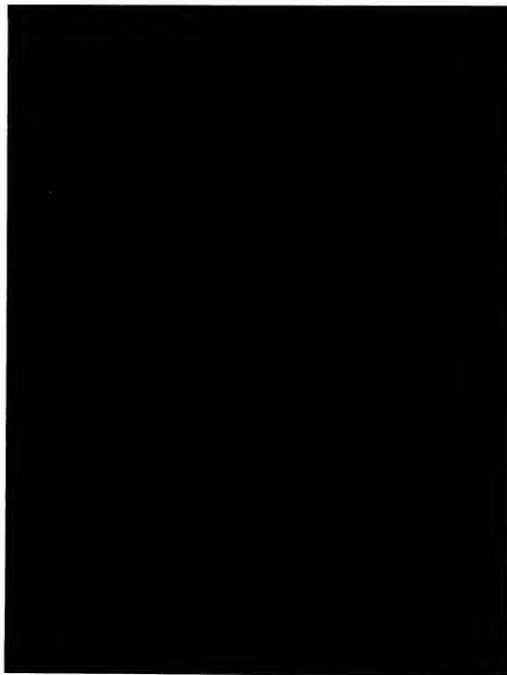
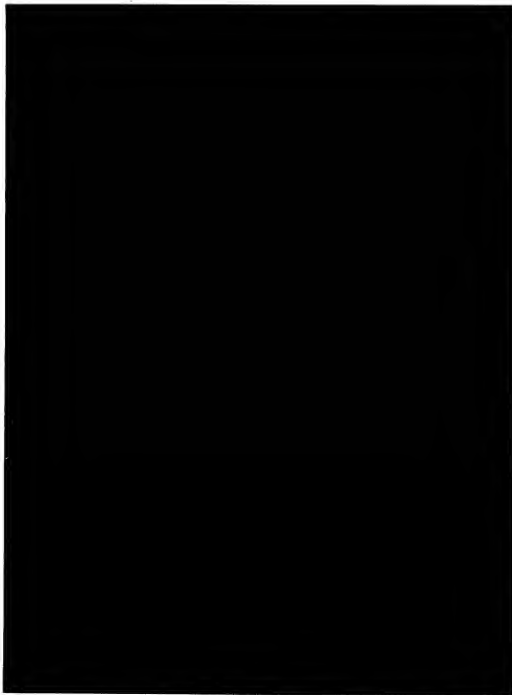


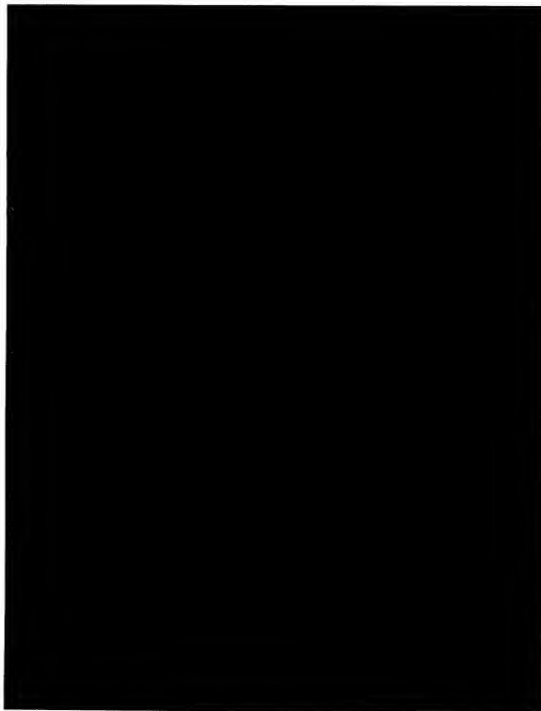
Figure 12



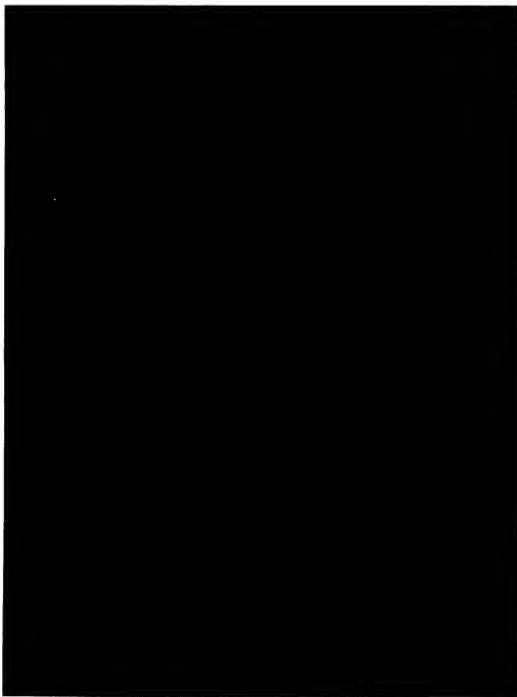
**Figure 13a**



**Figure 13b**

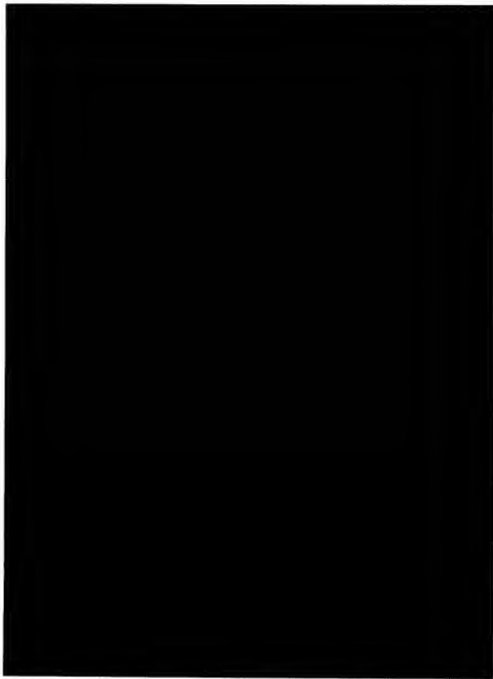


**Figure 13c**

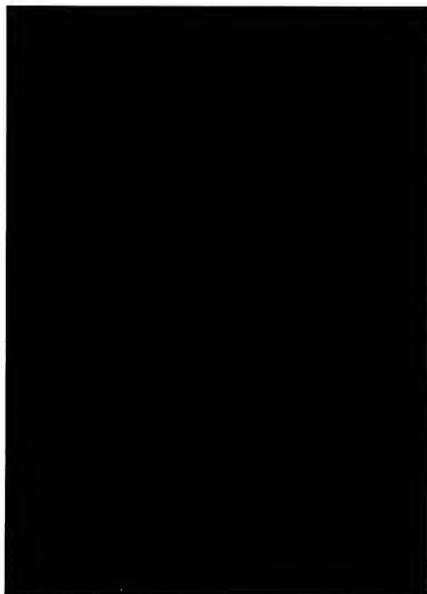


**Figure 13d**

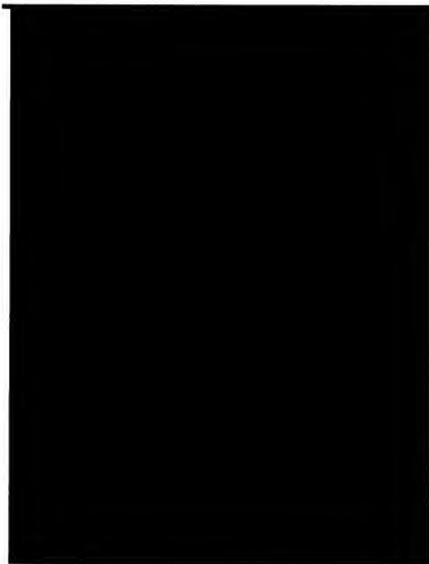




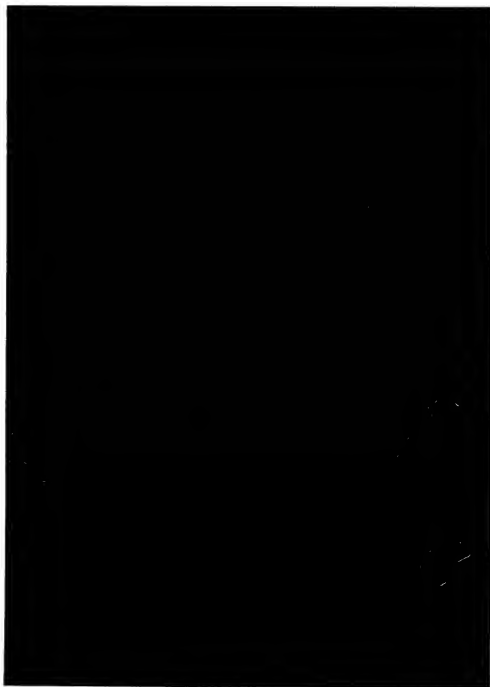
**Figure 13e**



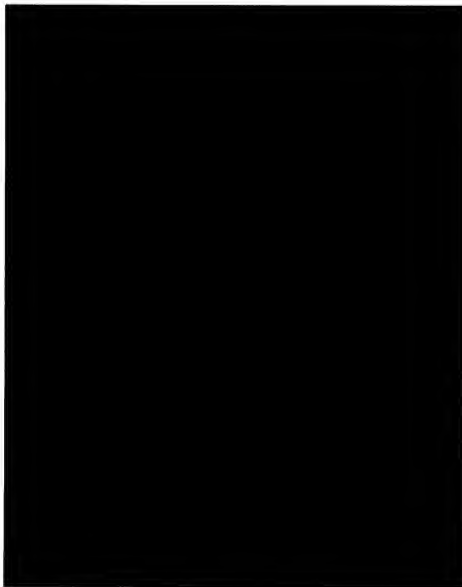
**Figure 13f**



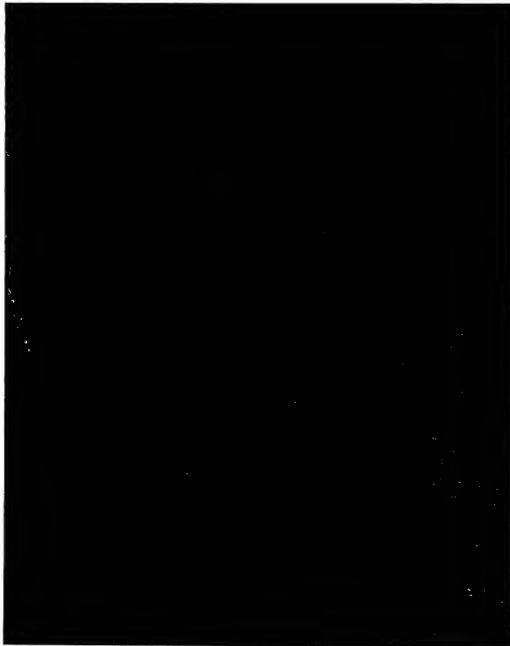
**Figure 13g**



**Figure 13h**



**Figure 13i**



**Figure 13j**

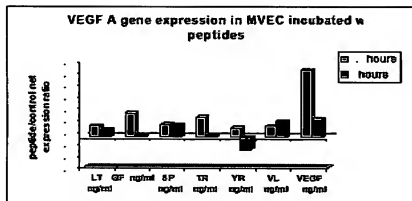
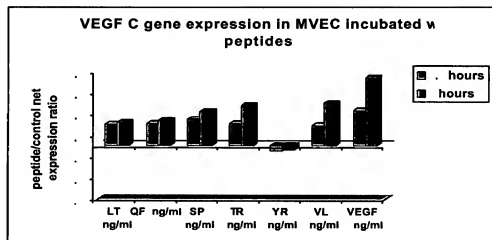
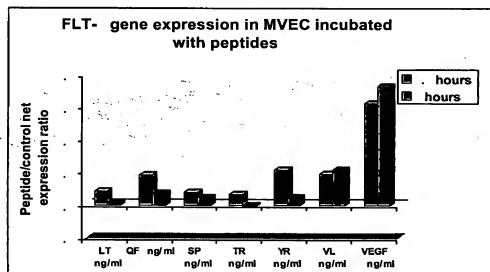


Figure 14a





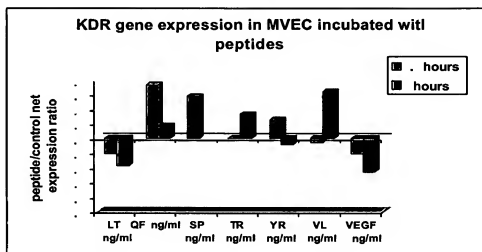
**Figure 14b**



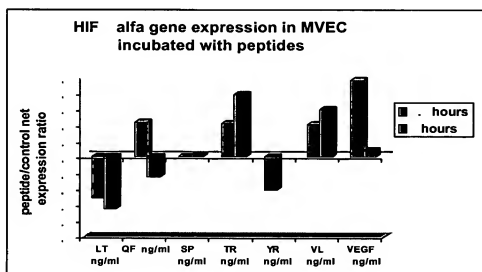
**Figure 14c**





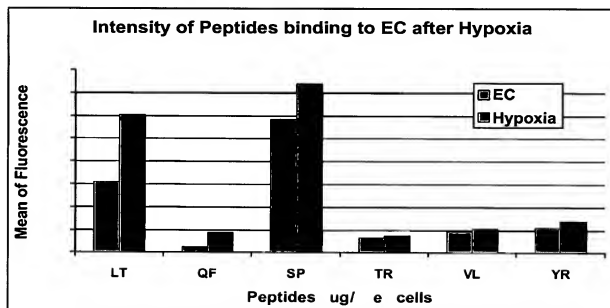


**Figure 14d**

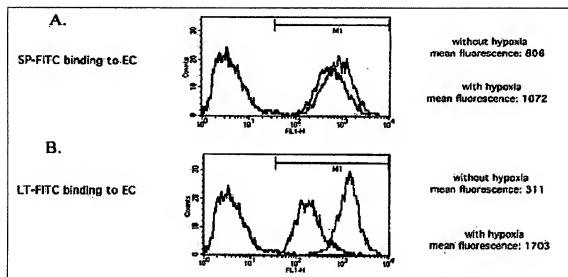


**Figure 14e**





**Figure 15**



**Figures 16a-b**

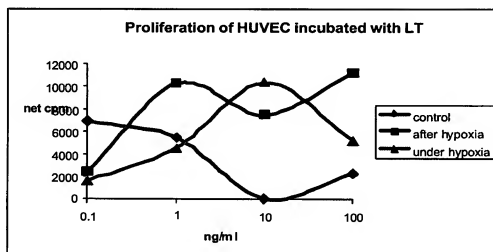


Figure 17a

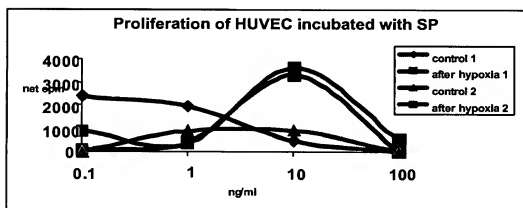
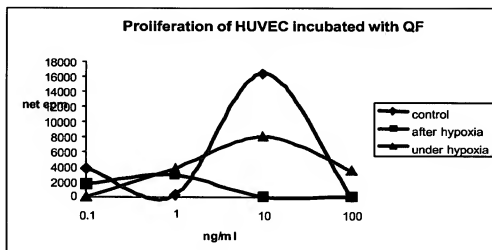
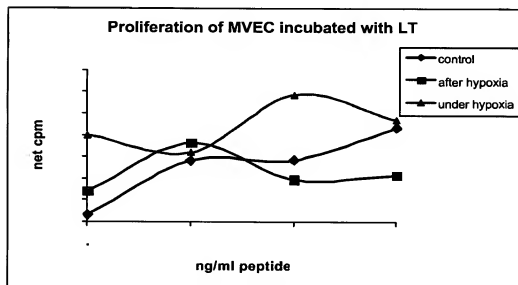


Figure 17b





**Figure 17c**



**Figure 17d**

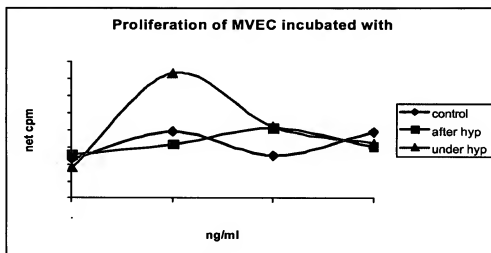


Figure 17e

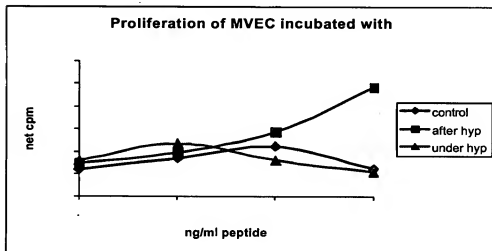


Figure 17f

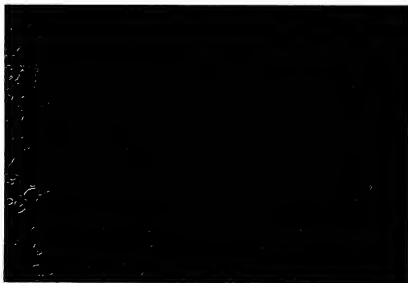




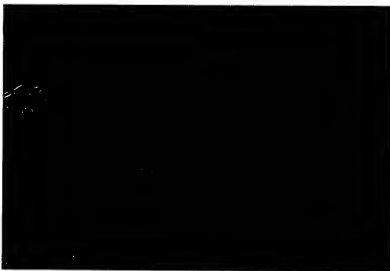
**Figure 18a**



**Figure 18b**



**Figure 18c**



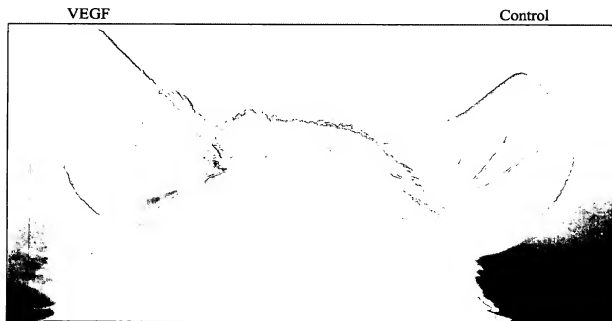
**Figure 18d**







**Figure 18e**



**Figure 19a**

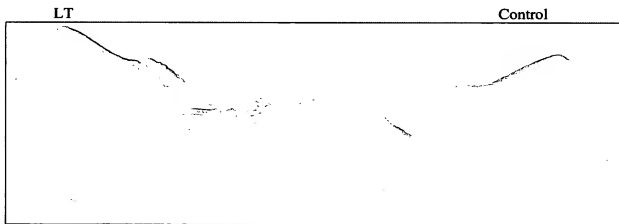


Figure 19b

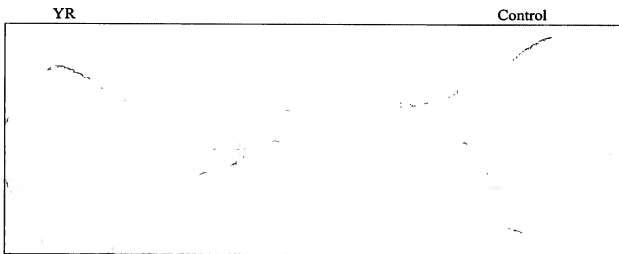


Figure 19c

Serial No.: 10/577,679

Inventor: B. HARDY et al



REPLACEMENT SHEET

Attorney Docket No. 31831  
Title: ANGIOGENIC PEPTIDES...

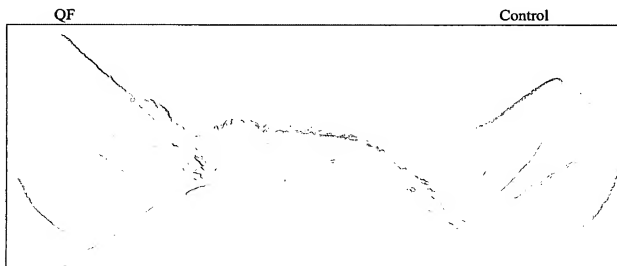


Figure 19d

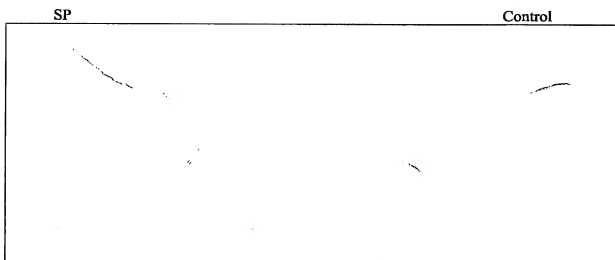
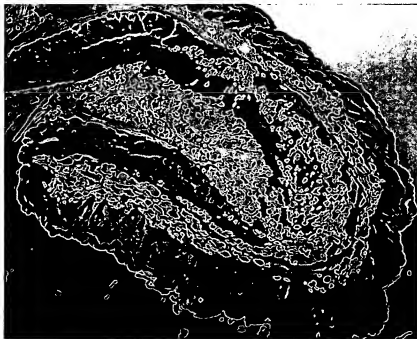
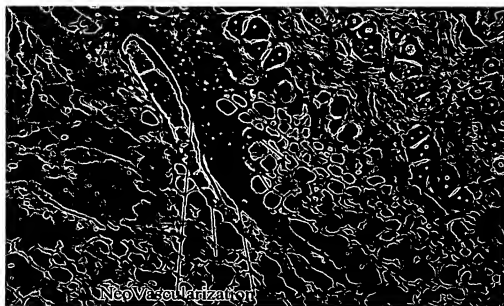


Figure 19e



**Figure 20a**





**Figure 20b**

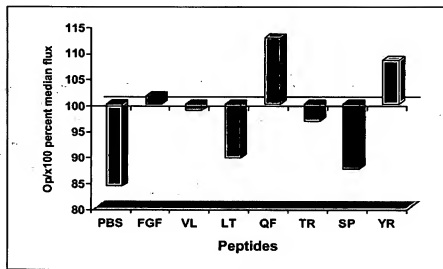


Figure 21

Seq 1: VPMMEPAYQRFL (VL; SEQ ID NO:2)  
 Seq 2: LLADTTHHRPWT (LT; SEQ ID NO:4)  
 Seq 3: QPWLEQAYYSTF (QF; SEQ ID NO:6)  
 Seq 4: SAHGTSSTGVWPW (SP; SEQ ID NO:8)  
 Seq 5: YPHIDSLGHWRP (YR; SEQ ID NO:10)  
 Seq 6: TLPWLEESYWRP (TR; SEQ ID NO:12)

**Figure 22a**

Seq 1: VPMMEPAYQRFL (VL; SEQ ID NO:2)  
 Seq 3: QPWLEQAYYSTF (QF; SEQ ID NO:6)  
 Seq 5: YPHIDSLGHWRP (YR; SEQ ID NO:10)  
 Seq 6: TLPWLEESYWRP (TR; SEQ ID NO:12)

Motif scanned by e-motif

<http://dna.stanford.edu/emotif/emotif-scan.html>

pw[il][de].y (SEQ ID NO:27)

Pro Trp Xaa Xaa Xaa Xaa Tyr (SEQ ID NO:32)

**Figure 22b****VEGB MOUSE**

Vascular endothelial growth factor B precursor  
 PVSQFDGPSHQKKVV **FWIDVY** ARATCQPREVVVPLS (amino acids 22-57 of SEQ ID NO:28)

**FWIDVY** (SEQ ID NO:31 amino acids 37-42 of  
 SEQ ID NO:28)  
 PVSQFDGPSHQKKVVPWIDVYARATCQPREVVVPL Mouse (SEQ ID NO:29)  
 PVSQ D P HQ+KVV WIDVY RATCQPREVVVPL Alignment of VEGF-B  
 PVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPL Human (SEQ ID NO:30)  
 Seq 1: VPMMEPAYQRFL (SEQ ID NO:2)  
 Seq 3: QPWLEQAYYSTF (SEQ ID NO:6)  
 Seq 5: YPHIDSLGHWRP (SEQ ID NO:10)  
 Seq 6: TLPWLEESYWRP (SEQ ID NO:12)

**Figure 22c**